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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags ▾

Search by name... 🔍

Table cells should reference their headers	Bug
Tables used for layout should not include semantic markup	Bug
Tables should have headers	Bug
"<html>" element should have a language attribute	Bug
<script>...</script> elements should not be nested	Bug
"<th>" tags should have "id" or "scope" attributes	Bug
"<title>" should be present in all pages	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug
Elements deprecated in HTML5 should not be used	Bug
HTML "<table>" should not be used for layout purposes	Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Code Smell
Videos should have subtitles	Code Smell

Server-side image maps ("ismap" attribute) should not be used

Analyze your code

Bug Minor ? accessibility

The ismap attribute in an `img` tag creates a server-side image map: The browser sends the coordinates of the clicked point to the server.

For any person who cannot use a mouse, this form of navigation is inaccessible because it is the position of the cursor on the image that determines the action.

On the other hand, client-side image maps, which use the `usemap` attribute allow for each clickable area to specify an alternate text, enabling accessibility for the blind.

Further, in terms of separation of concerns, it is definitely better to leave the task of mapping pixels to links to the client.

Noncompliant Code Example

```
<a href="click_on_world_map.php" target="_self">
  
</a>                                <!-- Nonc
```











Compliant Solution

```


<map name="world_map">
  <area shape="rect" coords="0,0,10,10" href="france.htm
  <area shape="circle" coords="20,20,10" href="spain.htm
  <area shape="circle" coords="30,30,8" href="england.ht
  <!-- ... -->
</map>
```

Available In:

sonarlint | sonarcloud | sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>